


Westlands Water District Annual Water Users' Workshop


A large, stylized globe logo is centered behind the title text. The globe is composed of a black circular outline with a blue interior. The interior is divided into three vertical segments by two curved lines, and the bottom half is a solid blue color.

March 18, 2014

In the bottom right corner of the slide, there are several concentric circles of varying sizes, rendered in a lighter shade of blue, which represent ripples on water.

Outline

- **Introductions and Opening Comments**
 - **Water Supply Outlook for 2014-2015 CVP Allocation, Rescheduling & Transfers**
 - **2014-2015 Adopted Budget, Water Rate, Charge & Assessments**
 - **Groundwater Conditions**
 - **Long Term Irrigated Lands Regulatory Program**
 - **Land & Water Supply Acquisition**
 - **Questions & Answers**
- 



Water Supply Outlook 2014 - 2015 CVP Allocation, Rescheduling & Transfers

Northern Sierra Precipitation

8 – Station Index

2014

- **January** **13% of normal**
- **February** **134% of normal**
- **March** **65% of normal**

- **Water Year to date** **55% of normal**
(since Oct.)
- **Total Water Year** **39% of normal**



San Joaquin Precipitation

5 – Station Index

2014

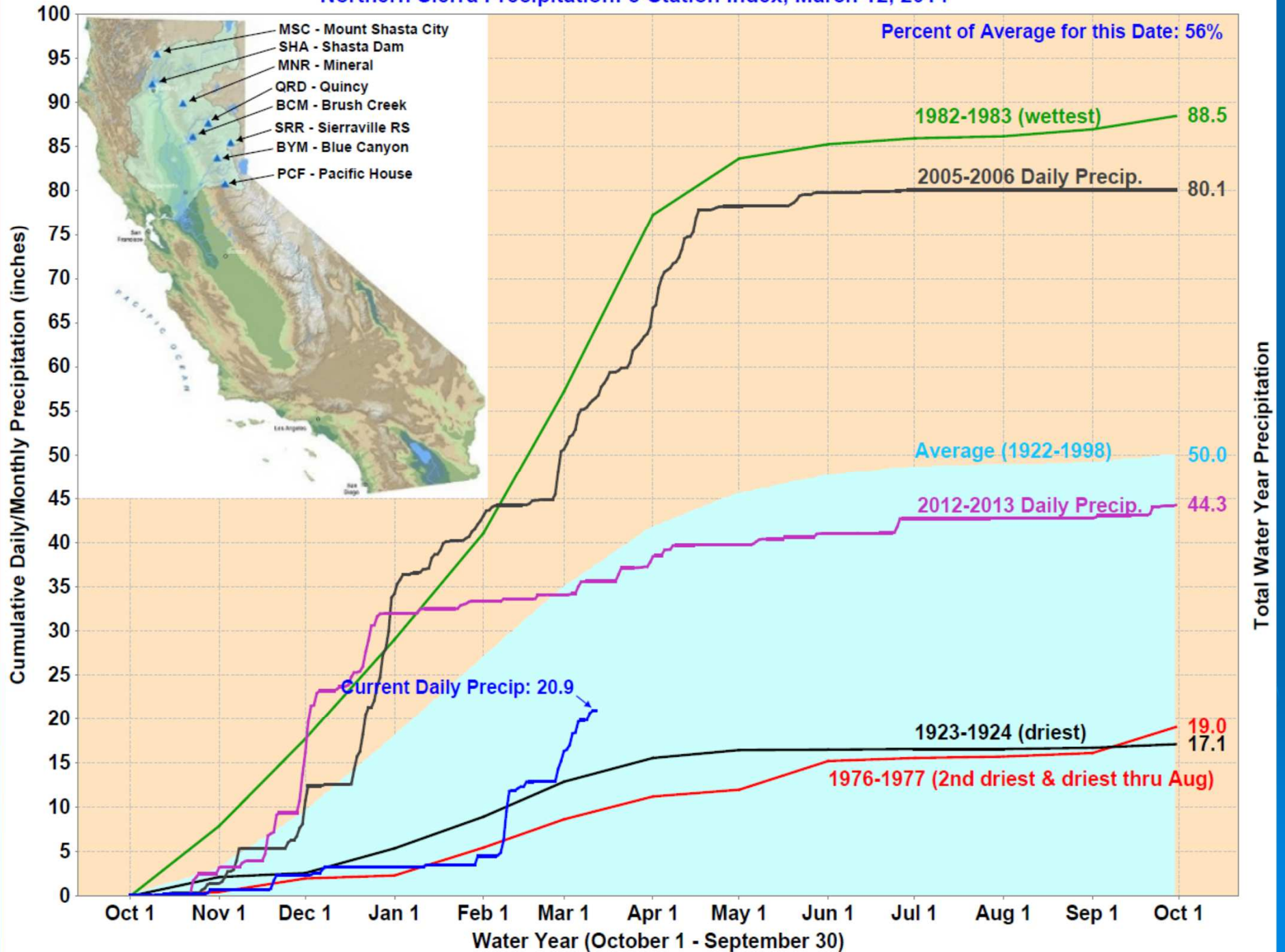
- January** **22% of normal**
- February** **81% of normal**
- March** **48% of normal**

- Water Year to date** **44% of normal**
(since Oct.)
- Total Water Year** **32% of normal**

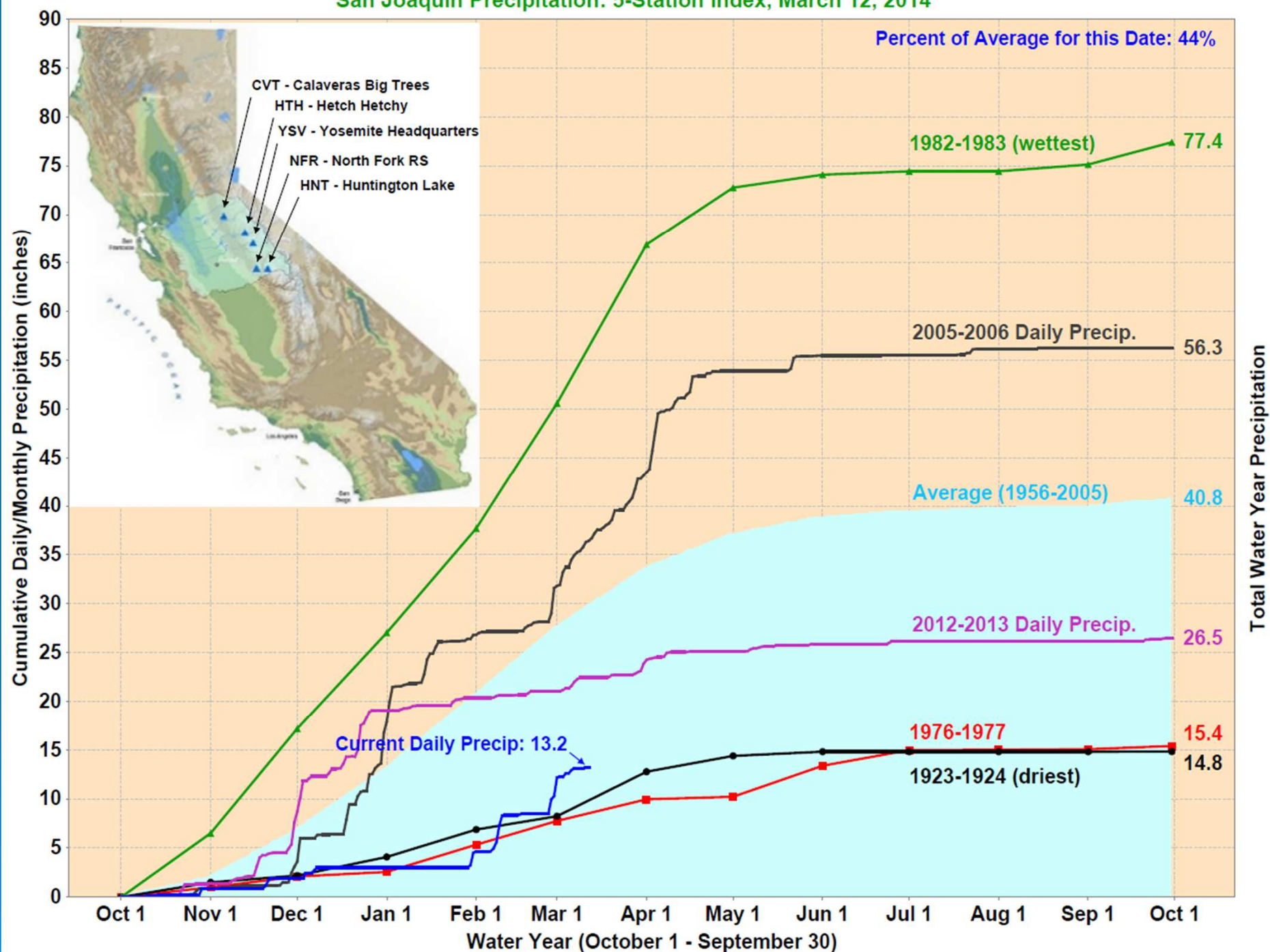


Northern Sierra Precipitation: 8-Station Index, March 12, 2014

Percent of Average for this Date: 56%



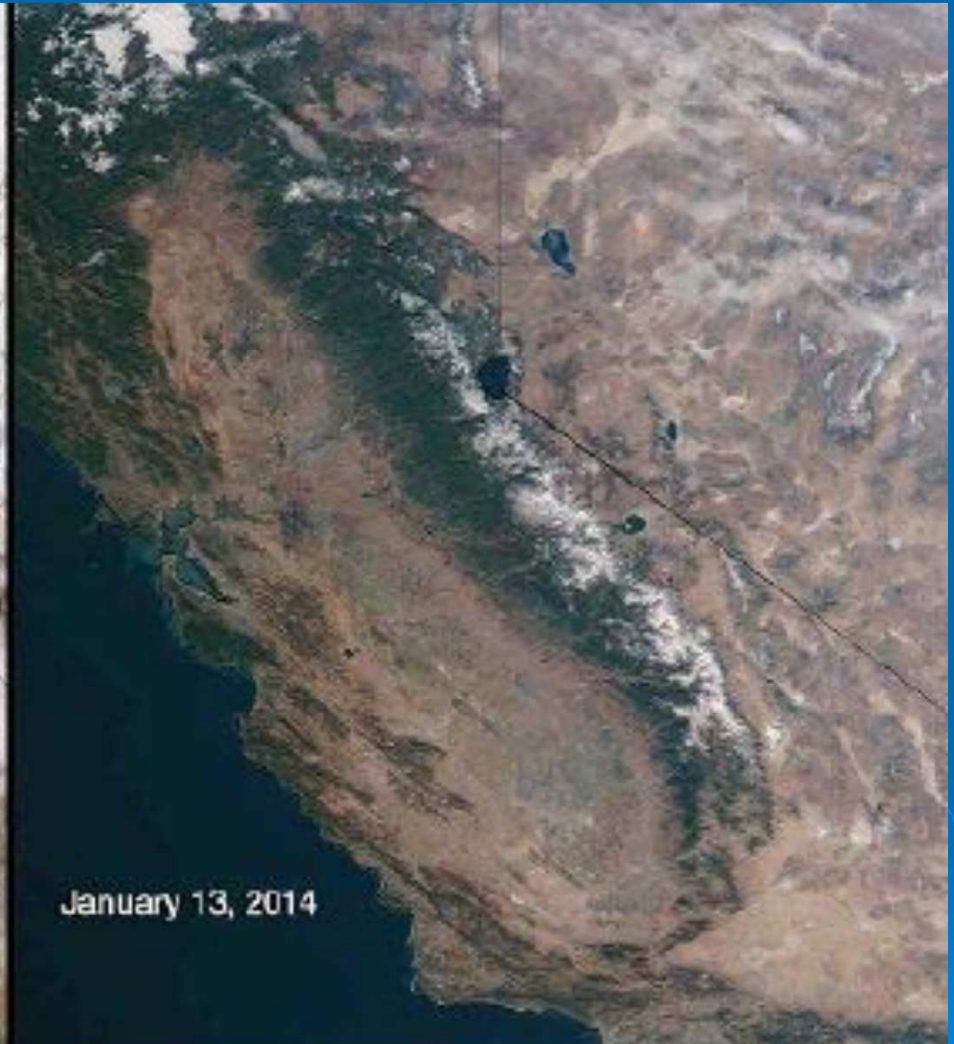
San Joaquin Precipitation: 5-Station Index, March 12, 2014



January Snowpack Comparison 2013 to 2014



2013 NOTE: The 2013 hydrologic water year, which ended September 30, 2013, was classified as Dry. The 2012 water year was also classified as Dry.



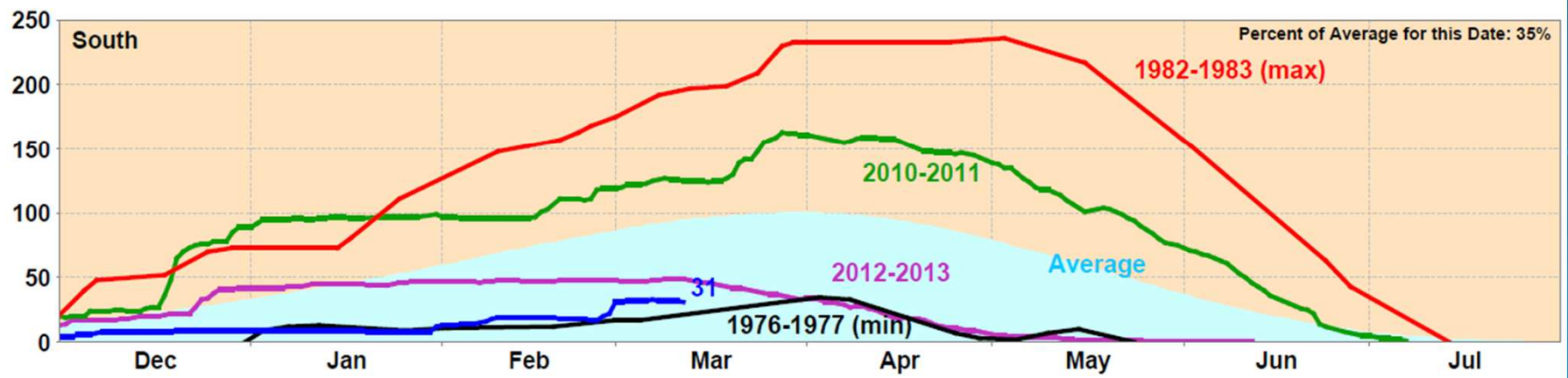
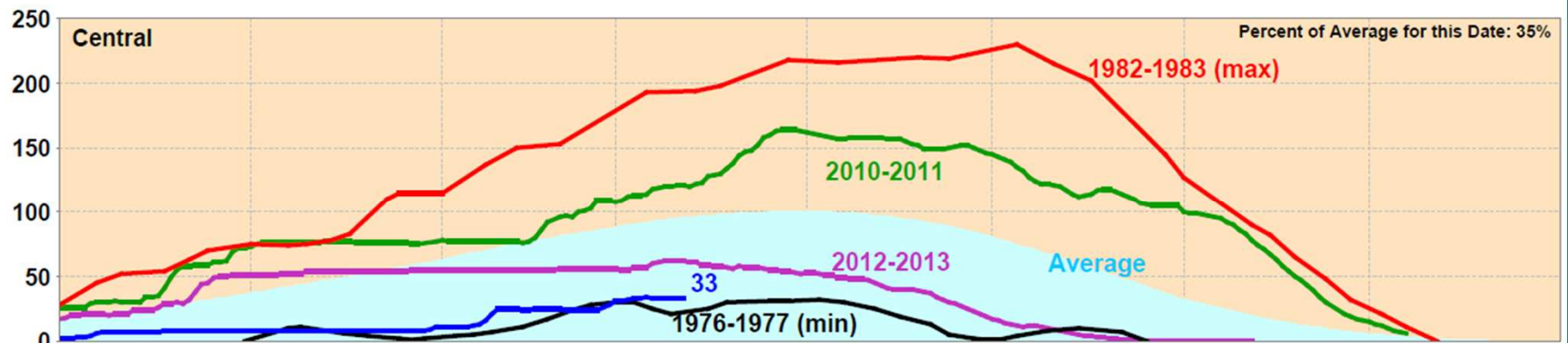
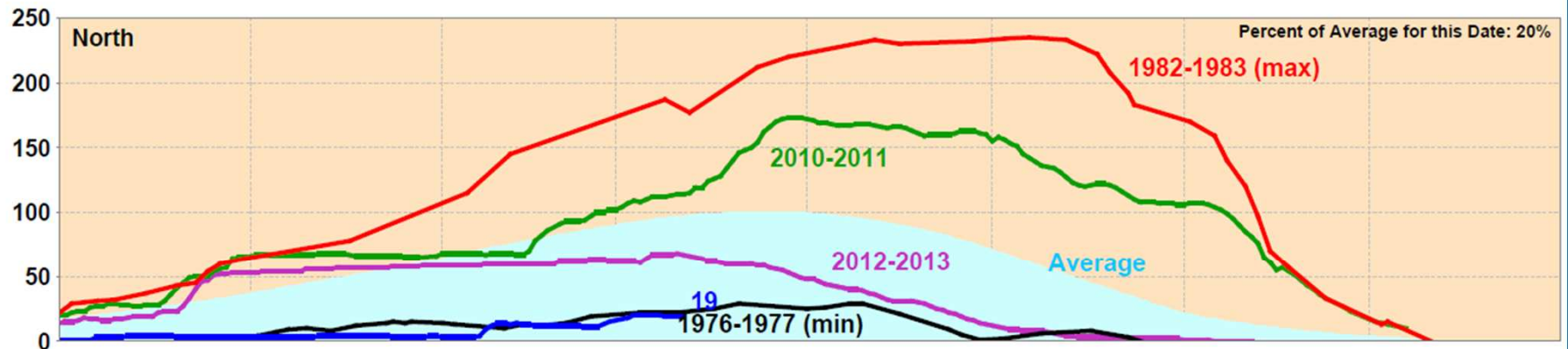
2014 NOTE: As of Jan 31, the published water allocation relative to contract amounts for the CVP is 0% of 9.5 maf (or 3.2 maf of water is exported south of the Delta) & State Water Project (SWP) is 0% of 4.2 maf.

Sierra Snow Pack

(Water Content % of April 1 Avg)

- **Northern Sierra - 19% of Normal**
- **Central Sierra - 33% of Normal**
- **Southern Sierra - 31% of Normal**

California Snow Water Content, March 12, 2014, Percent of April 1 Average



Statewide Percent of April 1: 30%

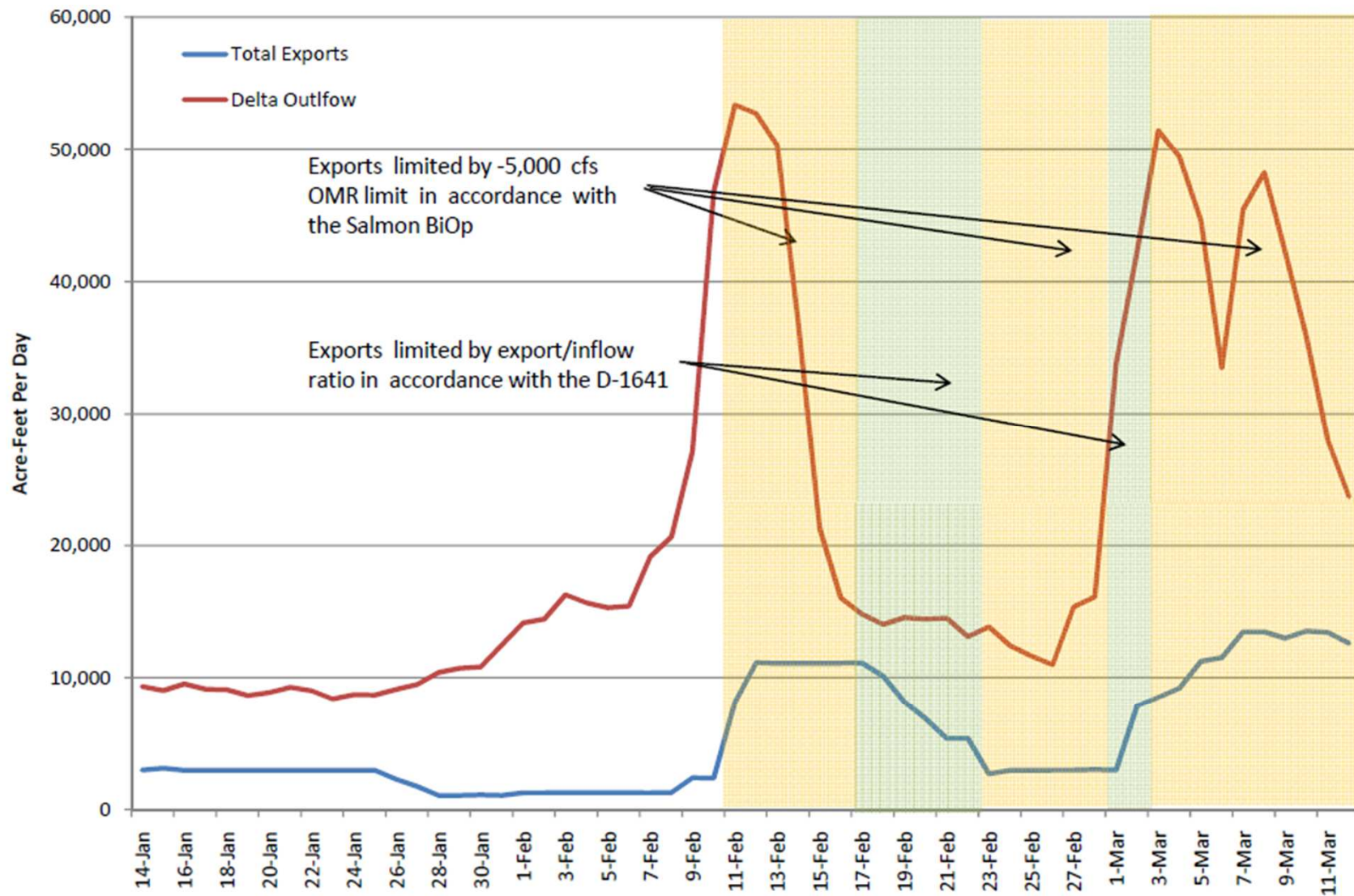
Statewide Percent of Average for Date: 30%

Reservoir Storage

(thousands of AF)

Reservoir	15 Yr. Avg. (TAF)	WY 2014 (TAF)	% Ave.
Trinity	1,764	1,265	72
Shasta	3,431	2,017	59
Oroville (SWP)	2,308	1,578	68
Folsom	562	387	69
New Melones	1,625	1,070	66
Fed. San Luis	819	423	52
Millerton	341	169	50
Total North CVP	8,201	5,162	63

2014 Delta Outflow vs Exports



2014 - 15 Initial Water Supply Allocation

Mid-Pacific Region Water Year 2014 Initial Water Supply Allocation February 21, 2014									
		South of Delta (percentages of contracted water allocated)				North of Delta (percentages of contracted water allocated)			
Water Year Type and Percentage of Average runoff		Ag	M&I	R	WR	Ag	M&I	R	WR
Dry Forecast (90%)	Critical 33% of Average	0	50	40	40	0	50	40	40
Median Forecast (50%)	Dry 43% of Average	0	50	75	100	0	50	75	75
5 Yr Average Allocation		37	74	88	88	75	90	88	88

<http://www.usbr.gov/mp/PA/water>

2013-2014 End of Year Totals (acre-feet)

CVP Contract (20%)	229,065
CVP Contract Assignments	4,247
M&I Shortage Allocation	2,308
Rescheduled (2012-13)	147,441
Transfers (Water Users)	110,131
Supplemental Water	155,502
USBR MP Recapture (Supplemental)	3,121
District Pumped GW Credit (DIP)	3,764
Non – GWMP Groundwater	349,800
Groundwater Management Program (GWMP)	<u>231,128</u>

Water Users Supply Total = 1,236,507

Use Total – 1,018,425

***Remaining Supply = 218,082**

All values are in Acre-Feet

***As of February 28, 2014**

2014-2015 Water Supply Forecast (acre-feet)

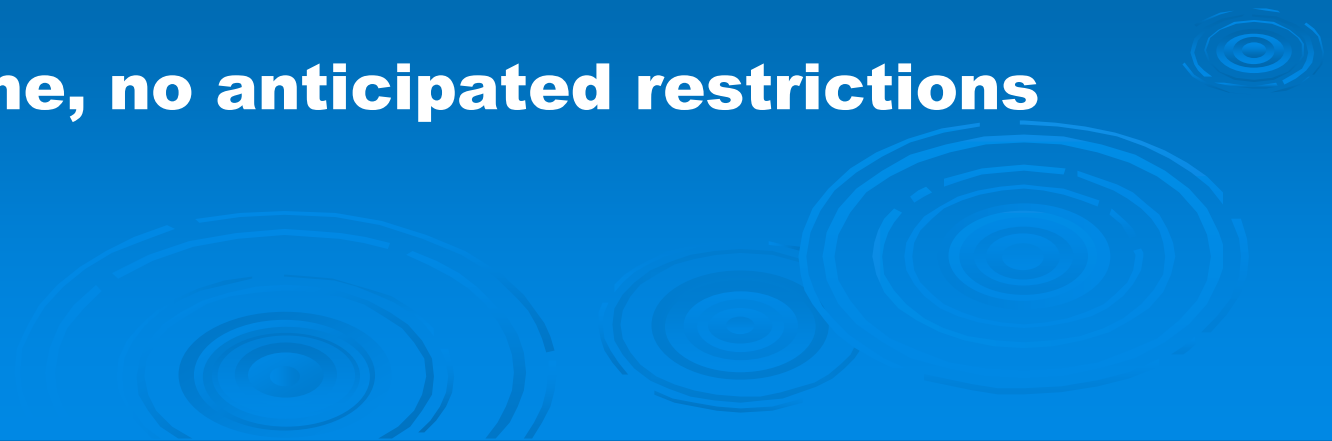
CVP Contract (0%)	0
CVP Contract Assignments	0
M&I Shortage Allocation	1,383
Rescheduled Water (2013-14)	218,082
Transfers (Water Users)	50,000
Supplemental Water	11,000
USBR MP Recapture (Supplemental)	0
District Pumped GW Credit (DIP)	3,000
Non-GWMP Groundwater	410,000
Groundwater Management Program	<u>250,000</u>

Total Supply = 943,465

Less Rescheduled (15-16) -25,000

Total Supply=918,465

Rescheduled Water

- **Rescheduled 218,082 acre-feet of water in San Luis Reservoir (SLR)**
 - **Projected amount remaining in SLR on April 1st is 213,600 acre feet**
 - **Rescheduled water is available throughout the end of 2014-2015 water year**
 - **At this time, no anticipated restrictions**
- 
- Decorative graphic of concentric circles representing water ripples, located in the bottom right corner of the slide.

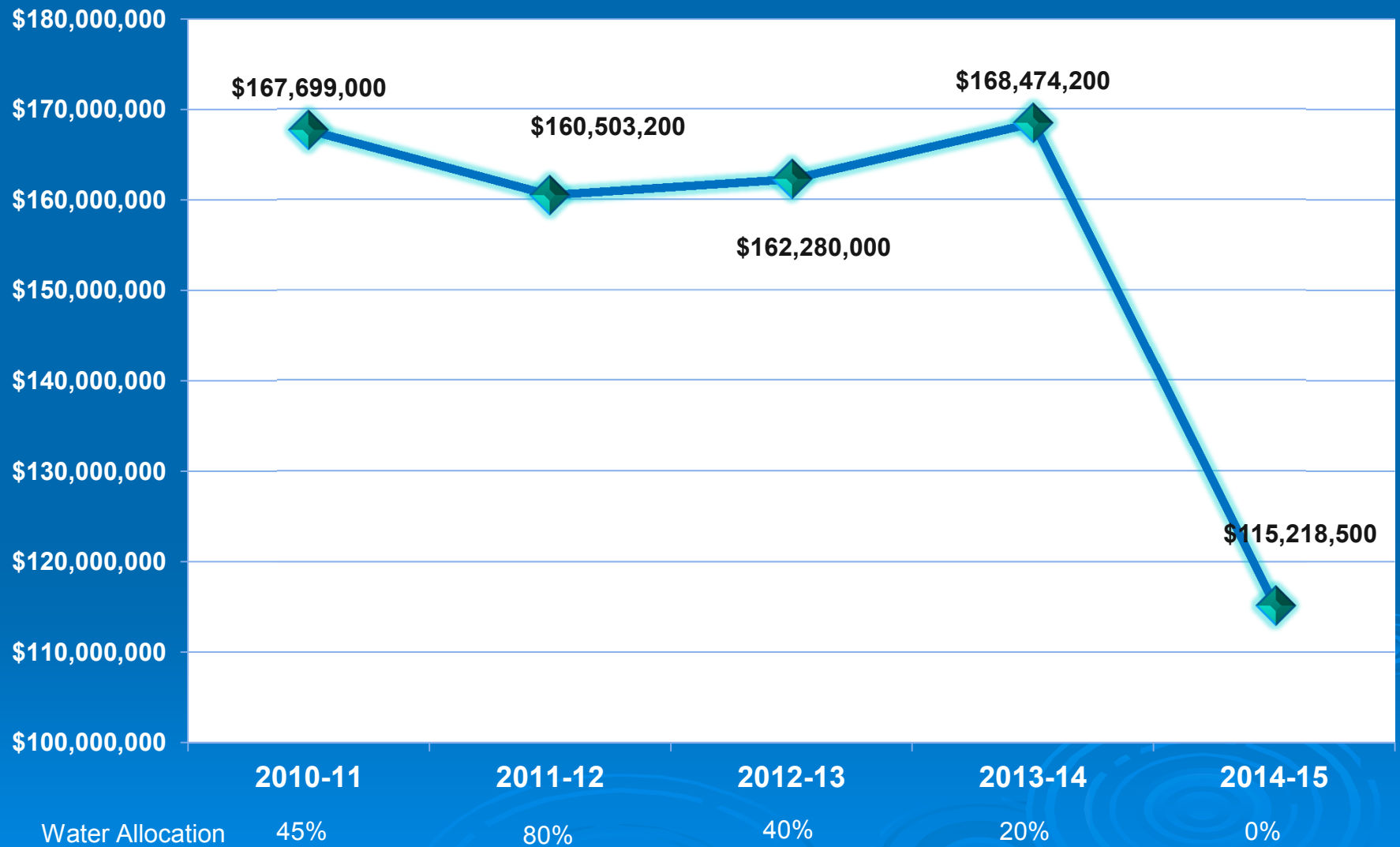
2014 - 15 Supplemental Water Supply

- **Applications are due March 31**
- **79,752 AF requested to date**
- **Anticipated Price: \$800/AF - \$1,200/AF delivered**
- **Submit an application for all entities**

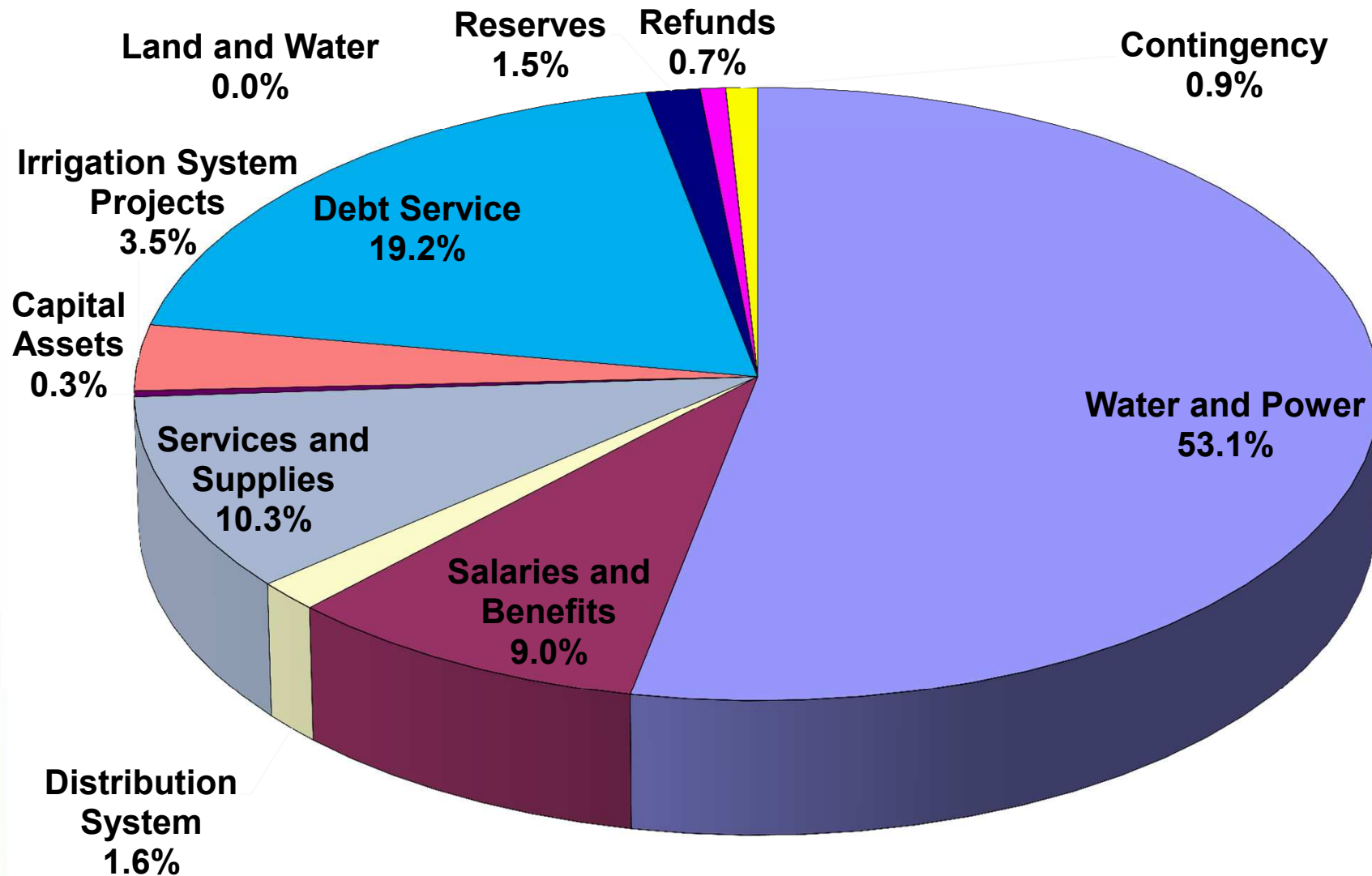


2014-2015 Adopted Budget, Water Rates, Charges & Assessments

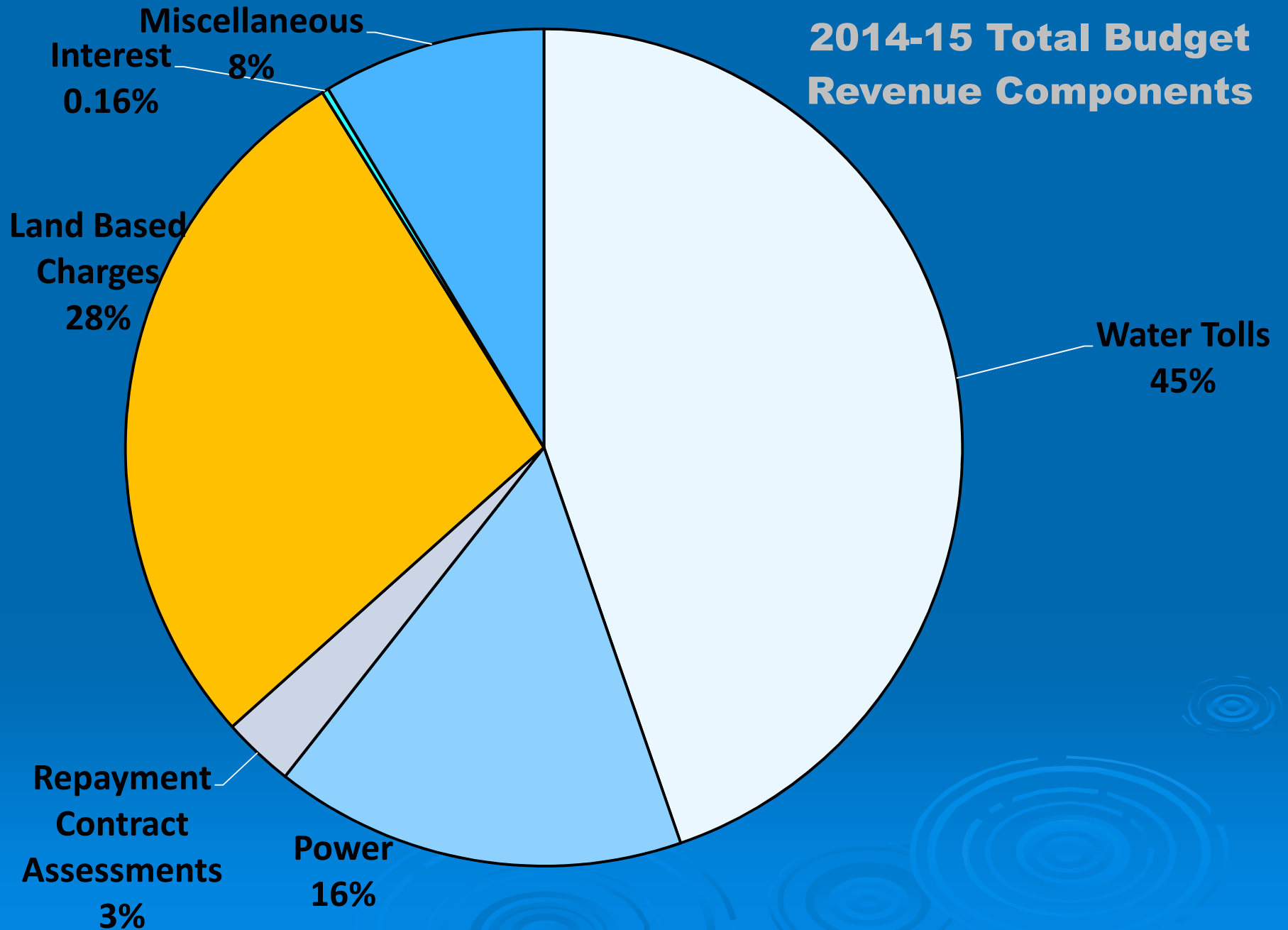
Total Budget



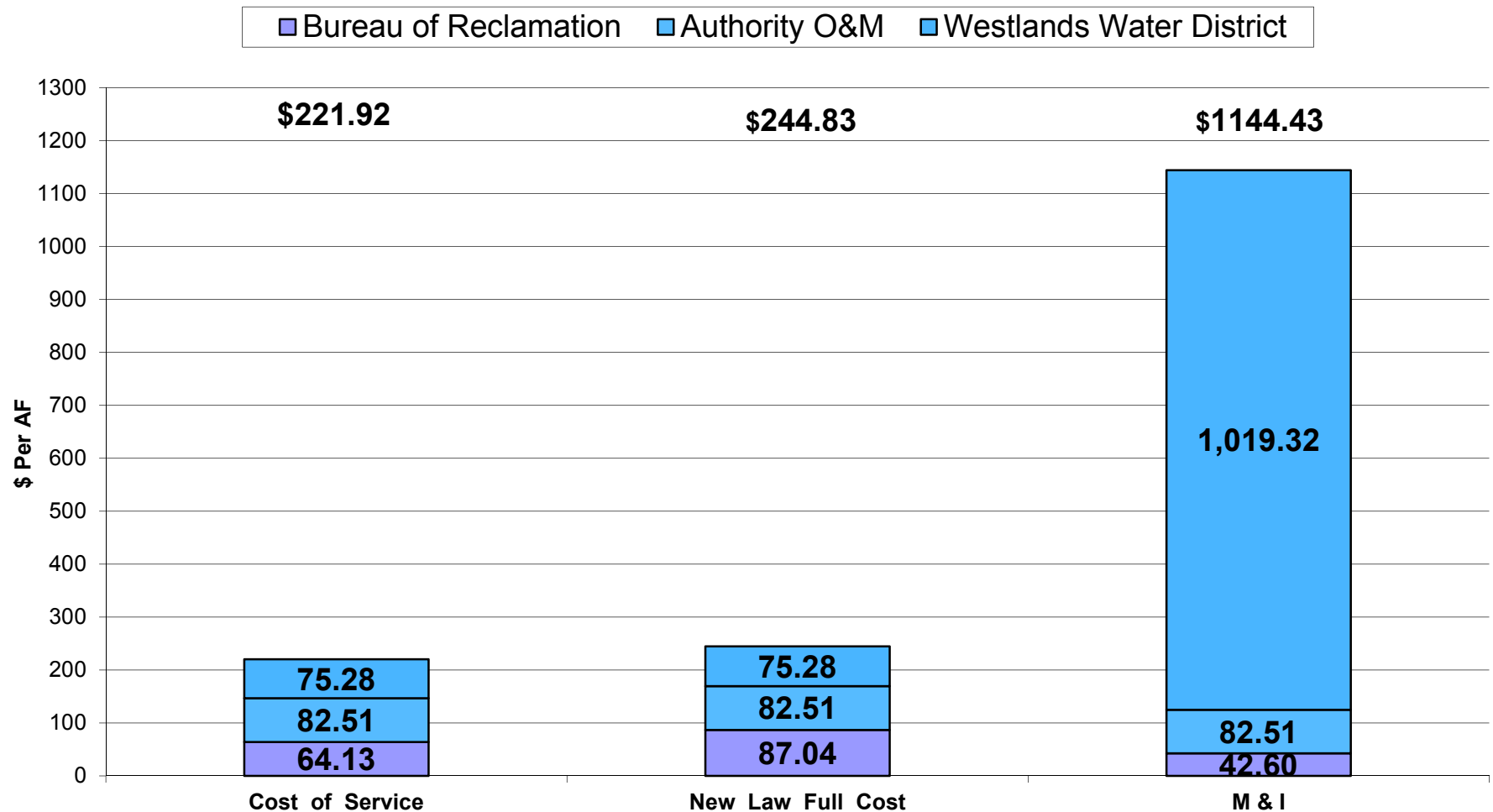
2014-15 Total Budget Expense Components



2014-15 Total Budget Revenue Components



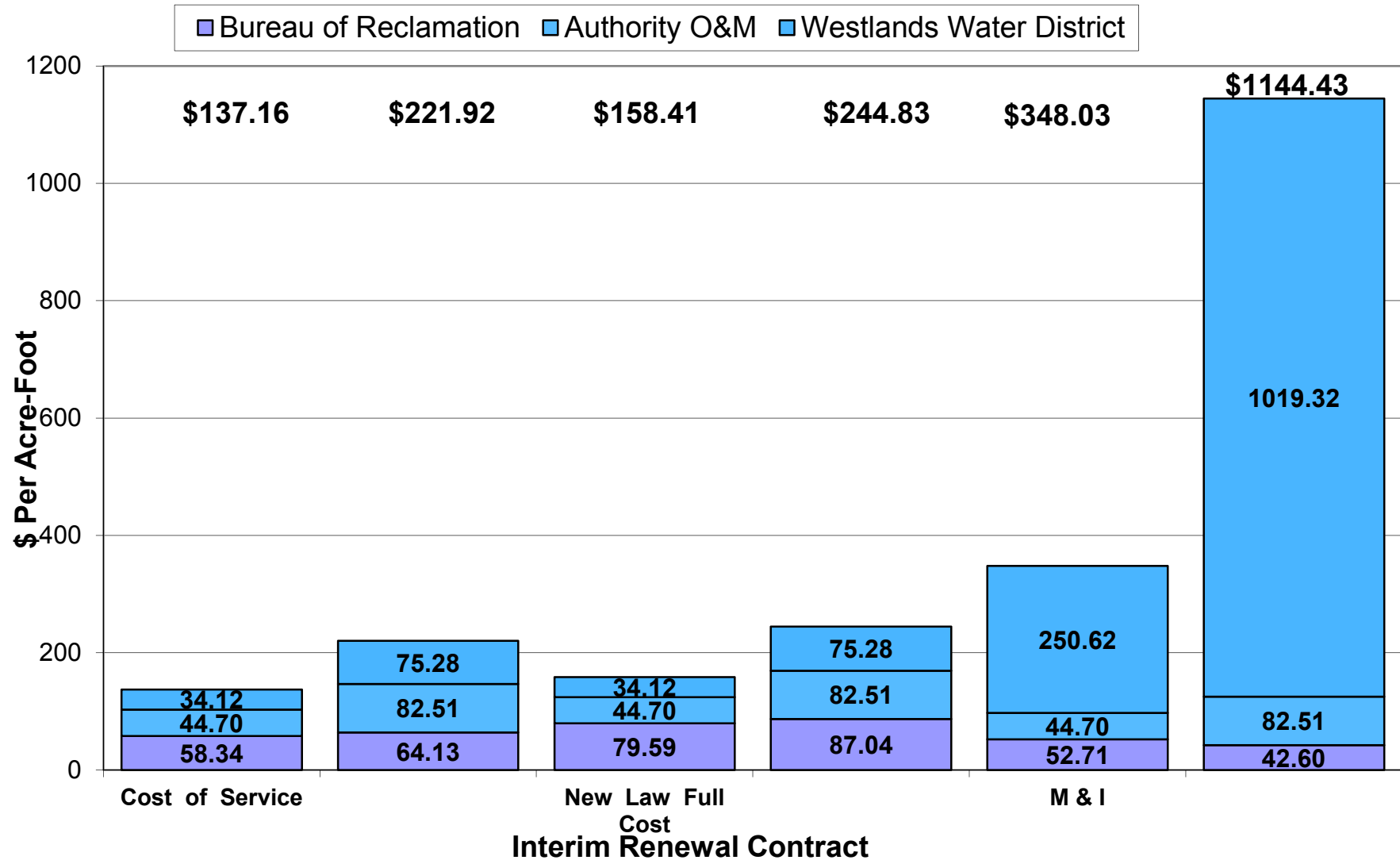
2014 - 2015 Water Rates



Interim Renewal Contract

Water Rates Comparison

2013 - 2014 and 2014 - 2015



WESTLANDS WATER DISTRICT

2014-15 WATER RATES & CHARGES

0% Rates February 18, 2014

	<u>Cost of Service</u>	<u>New Law Full Cost</u>	<u>Old Law Full Cost</u>
AGRICULTURAL WATER RATES			
United States Bureau of Reclamation			
Water Rates	\$ 53.91	\$ 76.82	\$ 95.55
Trinity PUD Assessment	\$ 0.23	\$ 0.23	\$ 0.23
Restoration Fund	9.99	9.99	9.99
San Luis Delta Mendota Water Authority			
Authority O&M	\$ 82.51	\$ 82.51	\$ 82.51
Westlands Water District			
District O&M	\$ 62.06	\$ 62.06	\$ 62.06
Prior Years Restoration Fund			
Water Delivered Benefit	6.40	6.40	6.40
Water Exchange Obligation	6.82	6.82	6.82
SWRCB Water Rights Fee	-	-	-
Actual USBR O&M	-	-	-
Actual USBR O&M Credit	-	-	-
SLDMWA True-up	-	-	-
Total Agricultural Water Rate	<u>\$ 221.92</u>	<u>\$ 244.83</u>	<u>\$ 263.56</u>
MUNICIPAL AND INDUSTRIAL WATER RATES			
Acquired Supply	\$ 1144.43		
Acquired Supply - NASL	\$ 1024.82		

WESTLANDS WATER DISTRICT

2014-15 WATER RATES & CHARGES

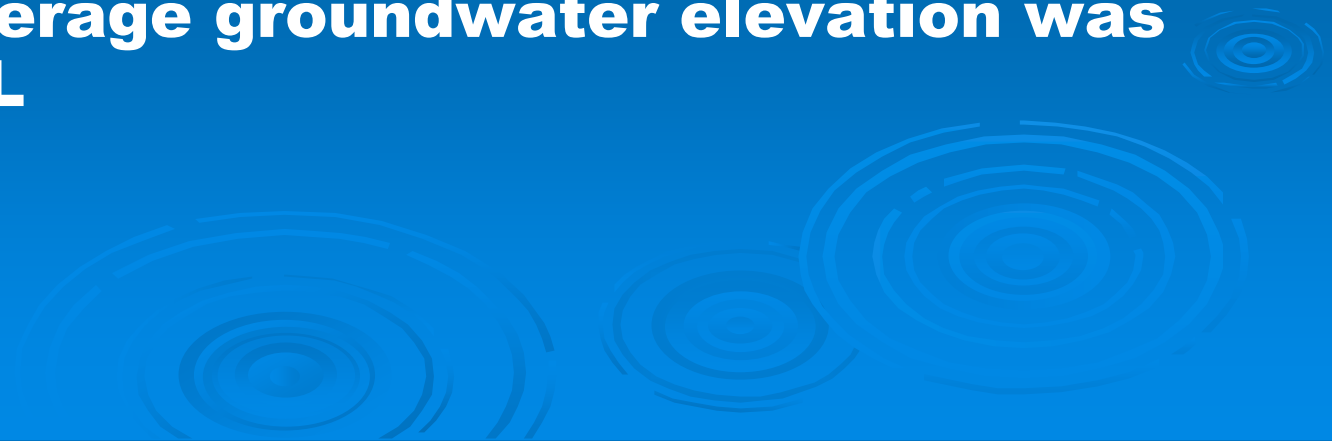
0% Rates February 18, 2014

Land Based Charges		<u>Amount</u>	<u>Unit</u>
Long-Term Water Supply D.S. - Area 1 and Area 2	\$	8.5127	AC
District Water Supply D.S. - Area 1	\$	9.9796	AC
District Water Supply D.S. - Area 2	\$	23.2524	AC
Extraordinary Repairs of Pipe - Area 1 and Area 2	\$	0.2924	AC
Operations & Maintenance Costs - All Lands	\$	8.6489	AC
Operations & Maintenance Costs - Lands with Allocation	\$	9.1543	AC
Operations & Maintenance Costs - Lands with System	\$	5.0613	AC
Operations & Maintenance Costs - Lands with both Allocation and System	\$	26.4241	AC
Drainage Service Area	\$	1.7350	AC
Allocation Charges			
Water Allocation Benefit	\$	-	AF
Usage Charges			
Overuse of Water Supply	\$	751.00	AF
Administrative Fee	\$	135.24	Mile
Distribution System Usage - Without Facilities	\$	0.8209	AC
Distribution System Usage - With Facilities	\$	4.5607	AC
Groundwater Management Program and Temporary Facilities			
Groundwater Management Program		Varies by Facility	AF
Temporary Facilities Surcharge		Varies by Facility	AF
Temporary Facility Credit	\$	(9.68)	AF
Account Monitoring Charges			
Overuse Monitoring	\$	11,989.00	EA
Delinquent Payment Monitoring	\$	137.00	EA
Advance Payment Monitoring	\$	596.00	EA
Municipal and Industrial			
M&I Inspections	\$	40.60	EA
Acquired Supply Advance	\$	1114.36	EA

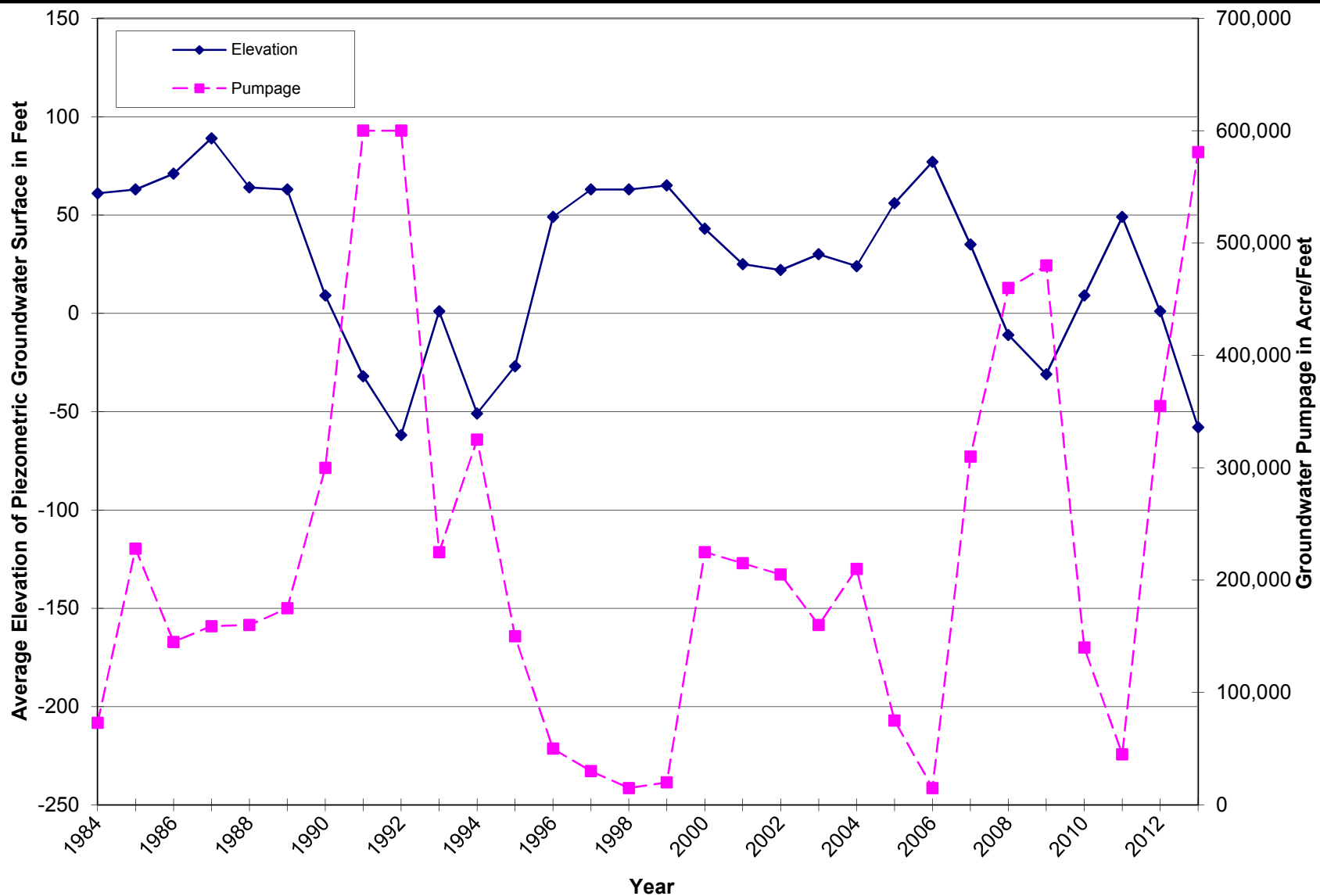
Groundwater Conditions



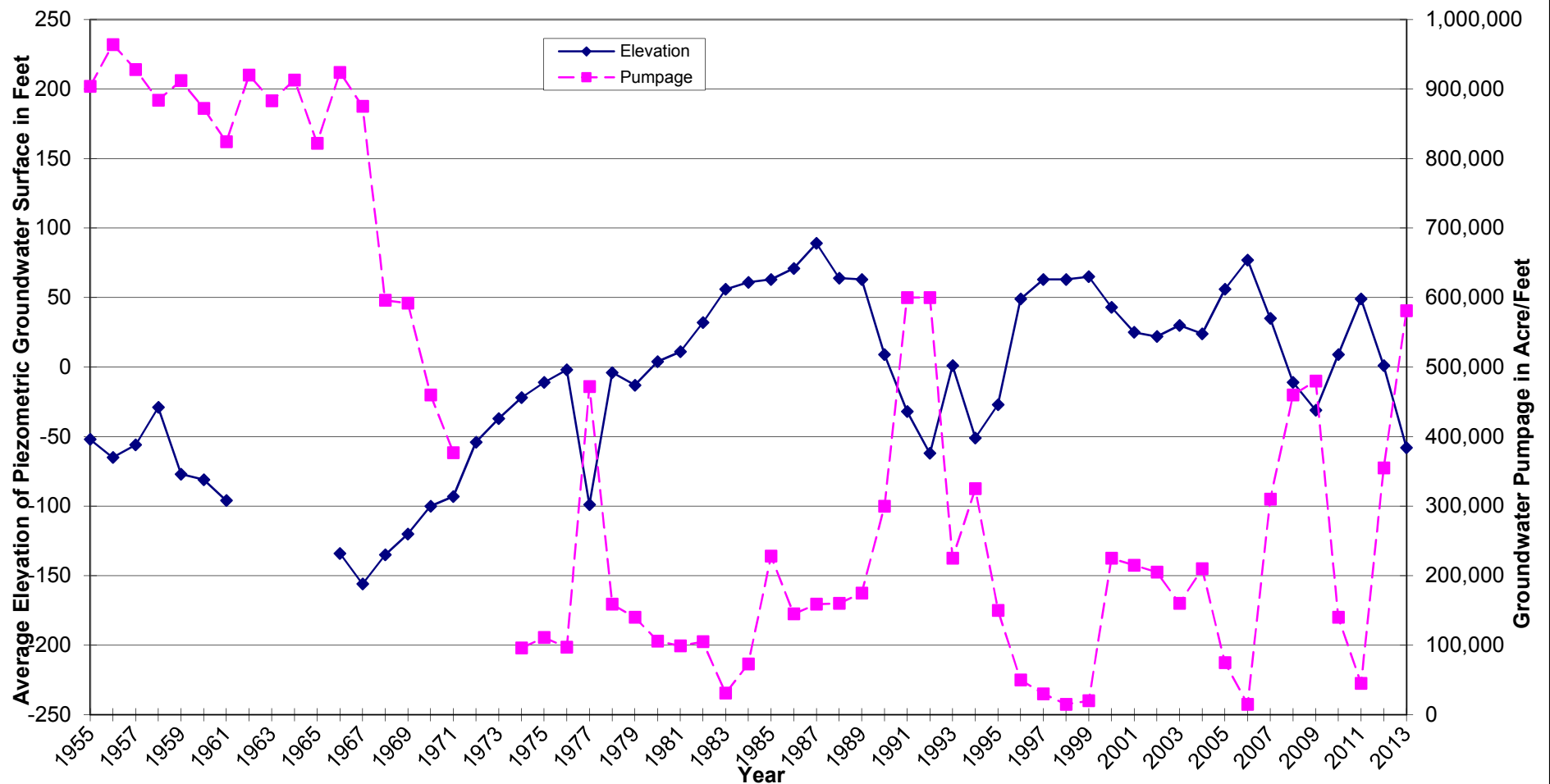
Groundwater Conditions

- **Total groundwater use within District in 2013 was approximately 581,000 AF**
 - **GWMP used 231,128 AF of groundwater**
 - **Average groundwater elevation within District decreased 59 feet to -58 feet MSL**
 - **In 2006, average groundwater elevation was 77 feet MSL**
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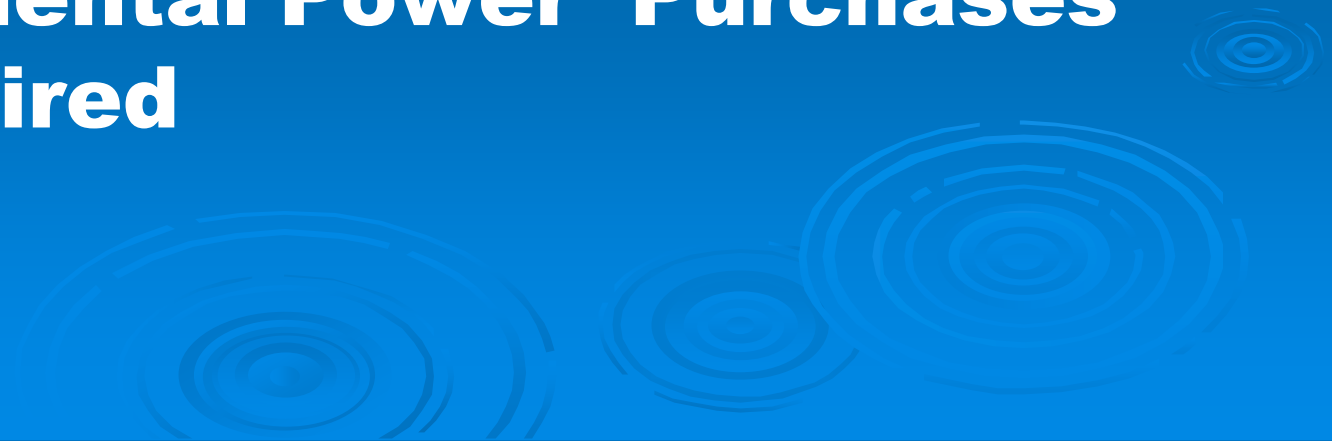
Groundwater Conditions



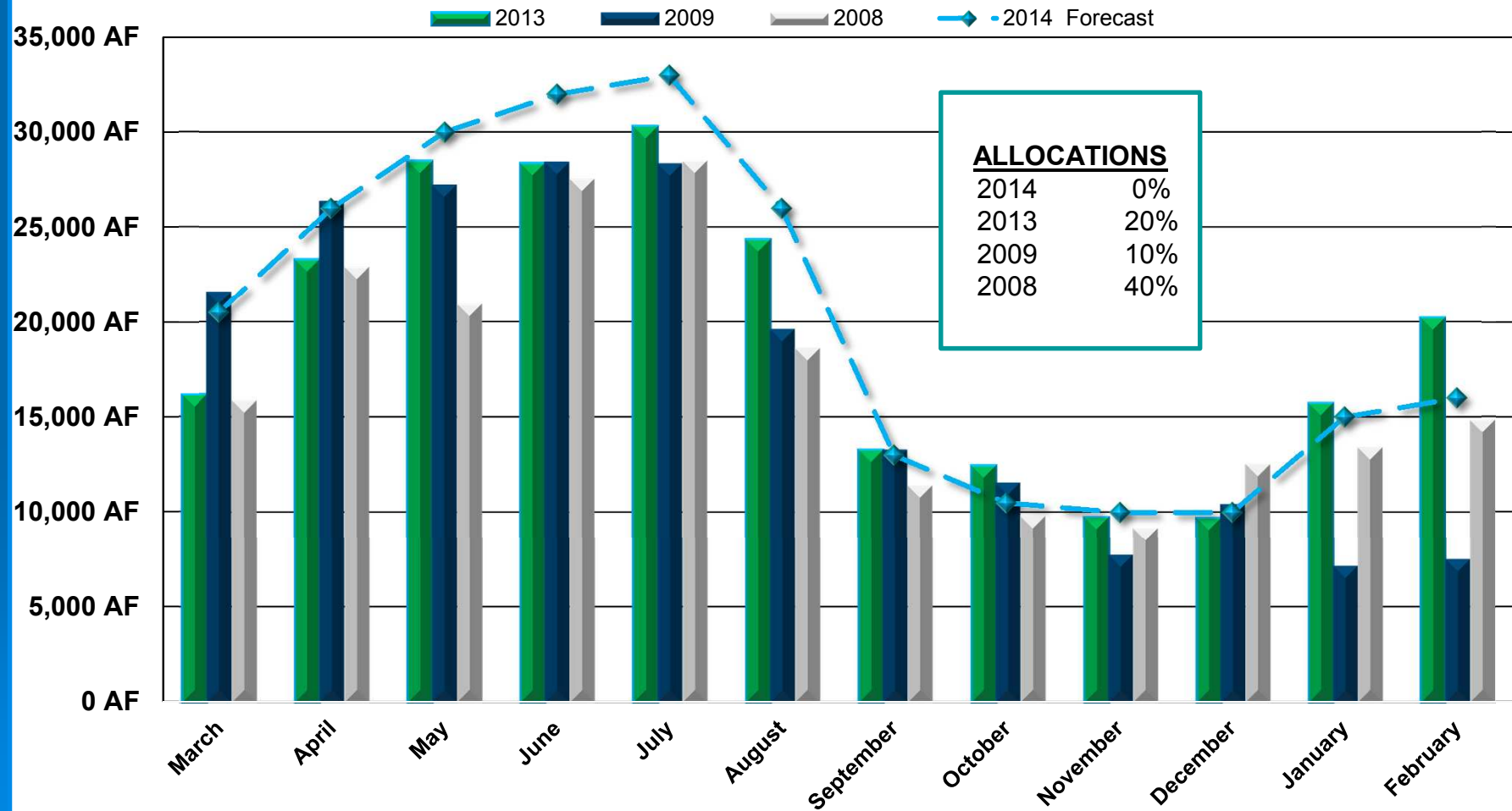
Groundwater Conditions



Groundwater Management Program (GWMP)



- **2014 - 15 GWMP forecast is 250,000 AF**
 - **Non-GWMP forecast is 410,000 AF**
 - **Current pumping is similar to 2009 levels**
 - **Supplemental Power Purchases are required**
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2014-15 Groundwater Pumping Forecast



Groundwater Monitoring

- **District reads meters and measures water levels**
- **Annual Report of Groundwater Conditions**
- **SWRCB assessing impacts of overdraft throughout State; prioritization process**
- **Amendments to State Law being considered**



Long-Term Irrigated Lands Regulatory Program Update

LTILRP Information

- **Growers Subject to Water Code**
- **Code addresses surface/groundwater quality**
- **Code requires report of waste discharge**
- **General Order issued to growers; Western Tulare Lake Basin Area**

LTILRP Information

- **District will form Coalition for growers' reporting needs**
- **Coalition serves needs of growers; reduces costs**
- **Growers may choose not to join; pay for own monitoring/reporting**

General Order Elements


➤ **Required plans/reports:**

- Farm Plan: practices/operations
- Nitrogen Management Plan/Report
- Sediment/Erosion Control Plan

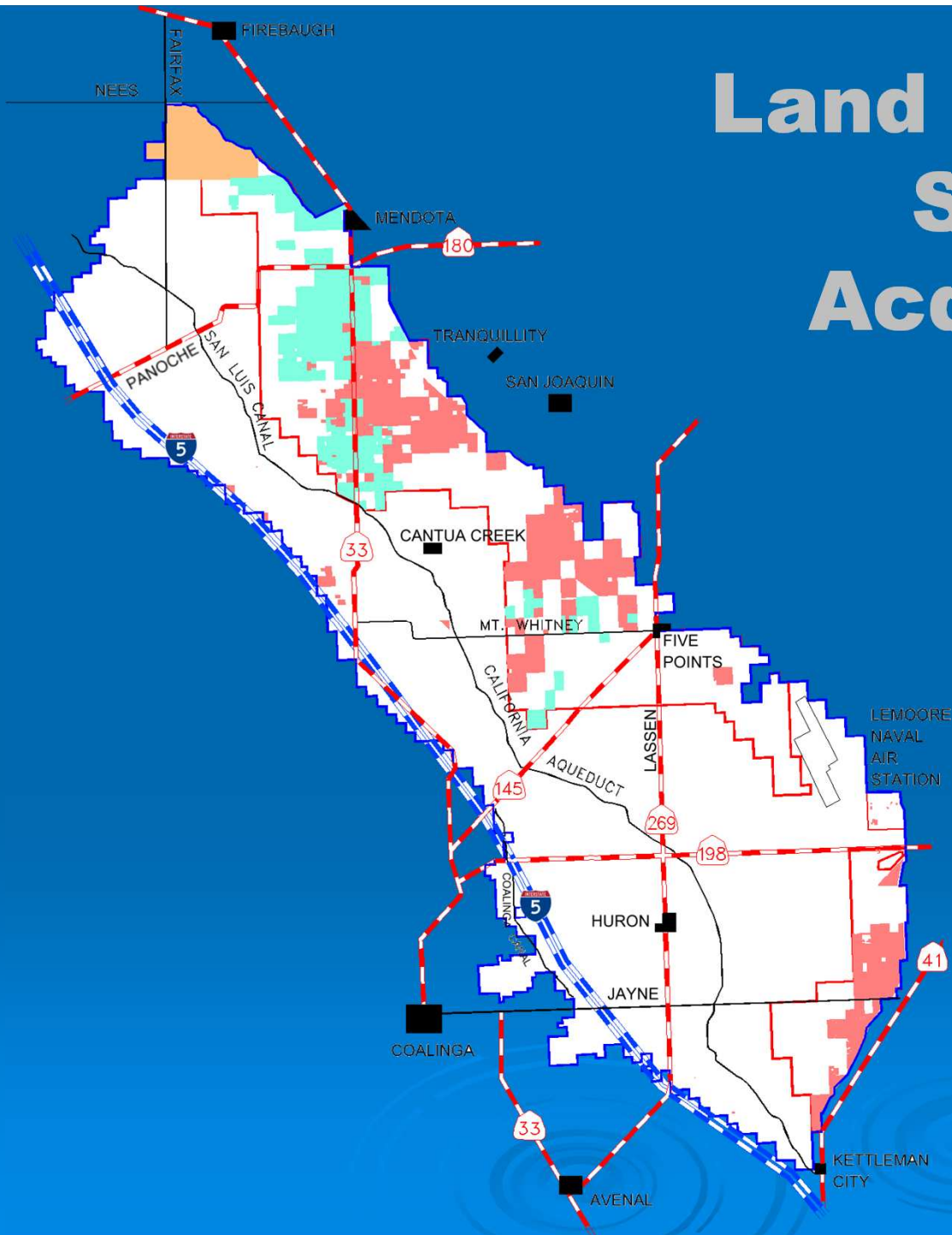
➤ **Expected costs:**

- Monitoring/Reporting: \$4-\$5 per acre; benefit all growers
- Farm-level: \$12-\$13 per acre; reporting/management practices

Coalition Activities/Events

- **Growers must enroll within 90 days (or secure individual WDR permit)**
 - Enrollment forms mailed by District
 - **Groundwater Assessment Report – Identify high vulnerability areas**
 - **District developing web portal for participants**
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Land and Water Supply Acquisition



Land and Water Supply Acquisition Table

➤ Land Acquired to Date (acres)

Acquisition Program	54,224
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(includes allocation only acquisitions)

Peck Settlement	32,343
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Broadview WD	8,862
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Total Acquired Acres = 95,429

Lease of Acquired Lands

- **Lease Non-Irrigable Land**

\$10/acre

(non-irrigable land still available for lease)

- **Lease Irrigable Land**

\$15 - \$50/acre (\$300/acre if irrigated)

- **For information on available land contact**

**Cork McIsaac at Agricultural Industries
(916-372-5595)**



Questions & Answers